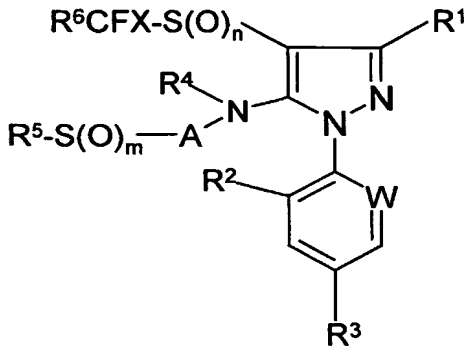
CLAIMS

1. A compound of formula (I):



(I)

wherein:

R^1 is $CSNH_2$;

W is C-halogen or N;

R^2 is hydrogen or Cl;

R^3 is CF_3, OCF_3 or SF_5;

R^4 is hydrogen, $(C_2\text{-}C_6)$-alkenyl, $(C_2\text{-}C_6)$-haloalkenyl, $(C_2\text{-}C_6)$-alkynyl, $(C_2\text{-}C_6)$-haloalkynyl, $(C_3\text{-}C_7)$-cycloalkyl, $(C_3\text{-}C_7)$-cycloalkyl-$(C_1\text{-}C_6)$-alkyl, CO_2-$(C_3\text{-}C_6)$-alkenyl, CO_2-$(C_3\text{-}C_6)$-alkynyl, $-CO_2\text{-}(CH_2)_q\text{-}R^7$, $-CH_2R^7$, $-CH_2R^9$, OR^7, OR^8, $COCO_2R^{10}$ or $COCONR^{10}R^{11}$; or CO_2-$(C_1\text{-}C_3)$-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, $(C_1\text{-}C_3)$-alkoxy and $(C_1\text{-}C_3)$-alkylthio; or $(C_1\text{-}C_6)$-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, $(C_1\text{-}C_6)$-alkoxy, $(C_1\text{-}C_6)$-haloalkoxy, $(C_3\text{-}C_7)$-cycloalkyl, $S(O)_pR^8$ and CO_2-$(C_1\text{-}C_6)$-alkyl;

A is $(C_1\text{-}C_6)$-alkylene or $(C_1\text{-}C_6)$-haloalkylene;

R^5 is $(C_2\text{-}C_6)$-alkenyl, $(C_2\text{-}C_6)$-haloalkenyl, $(C_2\text{-}C_6)$-alkynyl, $(C_3\text{-}C_6)$-cycloalkyl or $-(CH_2)_qR^7$; or $(C_1\text{-}C_6)$-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, $(C_1\text{-}C_6)$-alkoxy, $(C_1\text{-}C_6)$-haloalkoxy, $(C_3\text{-}C_7)$-cycloalkyl, $S(O)_pR^8$ and CO_2-$(C_1\text{-}C_6)$-alkyl;

X is F or Cl;

R^6 is F, Cl or Br;

R^7 is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6)-alkyl, (C_1-C_6)-haloalkyl, (C_1-C_6)-alkoxy, (C_1-C_6)-haloalkoxy, CN, NO_2, $S(O)_pR^8$, $CO_2-(C_1-C_6)$-alkyl, COR^8, $NR^{12}R^{13}$ and OH;

R^8 is (C_1-C_6)-alkyl or (C_1-C_6)-haloalkyl;

R^9 is a heteroaromatic radical having 5 or 6 ring atoms and 1, 2 or 3 hetero atoms in the ring selected from the group consisting of N, O and S, unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_4)-alkyl, (C_1-C_4)-haloalkyl, (C_1-C_4)-alkoxy, (C_1-C_4)-haloalkoxy, NO_2, CN, $CO_2(C_1-C_6)$-alkyl, $S(O)_pR^8$ and OH;

R^{10} and R^{11} are each independently H or R^5;

or the radical $NR^{10}R^{11}$ forms a five- to seven-membered saturated ring which optionally contains an additional hetero atom in the ring which is selected from O, S and N, the ring being unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_6)-alkyl, (C_1-C_6)-haloalkyl and $CO_2-(C_1-C_6)$-alkyl;

R^{12} and R^{13} are each independently H or (C_1-C_6)-alkyl;

m, n and p are each independently zero, one or two; and

q is zero or one;

or a pesticidally acceptable salt thereof.

2. A compound or a salt thereof as claimed in claim 1 wherein R^6 and X are both F.

3. A compound or a salt thereof as claimed in claim 1 or 2 wherein R^1 is $CSNH_2$;

W is C-Cl;

R^2 is Cl;

R^3 is CF_3 or OCF_3;

R^4 is (C_2-C_4)-alkenyl, (C_2-C_4)-alkynyl, (C_3-C_7)-cycloalkyl, $CO_2-(C_1-C_3)$-alkyl, $CO_2-(C_3-C_4)$-alkenyl, $CO_2-(C_3-C_4)$-alkynyl or $-CO_2-(CH_2)_q-R^7$; or (C_1-C_3)-alkyl unsubstituted or substituted by one or more radicals selected from the group

consisting of halogen, (C_1-C_3)-alkoxy, (C_1-C_3)-haloalkoxy, (C_3-C_7)-cycloalkyl, $S(O)_pR^8$ and CO_2-(C_1-C_3)-alkyl;

A is (C_1-C_4)-alkylene or (C_1-C_4)-haloalkylene;

R^5 is (C_3-C_6)-cycloalkyl or $-(CH_2)_qR^7$; or (C_1-C_3)-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_3)-alkoxy, (C_1-C_3)-haloalkoxy, (C_3-C_6)-cycloalkyl, $S(O)_pR^8$ and CO_2-(C_1-C_3)-alkyl;

X is F or Cl;

R^6 is F or Cl;

R^7 is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_3)-alkyl, (C_1-C_3)-haloalkyl, (C_1-C_3)-alkoxy, (C_1-C_3)-haloalkoxy, CN, NO_2, $S(O)_pR^8$, CO_2-(C_1-C_3)-alkyl, COR^8, $NR^{12}R^{13}$ and OH;

R^8 is (C_1-C_3)-alkyl or (C_1-C_3)-haloalkyl;

R^{12} and R^{13} are each independently H or (C_1-C_3)-alkyl;

m, n and p are each independently zero, one or two; and

q is zero or one.

4. A compound or a salt thereof as claimed in any one of claims 1, 2 or 3 wherein R^1 is $CSNH_2$;

W is C-Cl;

R^2 is Cl;

R^3 is CF_3 or OCF_3;

R^4 is CO_2-(C_1-C_3)-alkyl, CO_2-(C_3-C_4)-alkenyl, CO_2-(C_3-C_4)-alkynyl or $-CO_2-(CH_2)_q-R^7$; or (C_1-C_3)-alkyl;

A is (C_1-C_4)-alkylene;

R^5 is (C_3-C_6)-cycloalkyl or $-(CH_2)_qR^7$; or (C_1-C_3)-alkyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_3)-alkoxy, (C_1-C_3)-haloalkoxy, (C_3-C_6)-cycloalkyl, $S(O)_pR^8$ and CO_2-(C_1-C_3)-alkyl;

X is F or Cl;

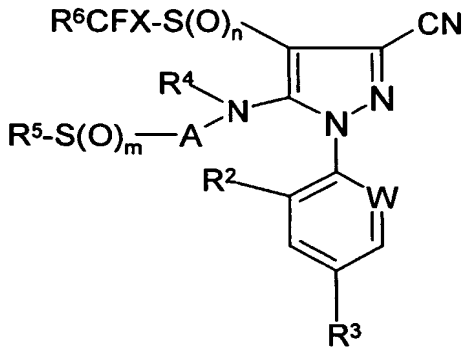
R^6 is F or Cl;

R^7 is phenyl unsubstituted or substituted by one or more radicals selected from the group consisting of halogen, (C_1-C_3)-alkyl, (C_1-C_3)-haloalkyl, (C_1-C_3)-alkoxy, (C_1-C_3)-haloalkoxy, CN, NO_2 and $S(O)_pR^8$;

R^8 is (C_1-C_3)-alkyl or (C_1-C_3)-haloalkyl;
m, n and p are each independently zero, one or two; and
q is zero or one.

5. A process for the preparation of a compound of formula (I) or a salt thereof as defined in any one of claims 1 to 4, which process comprises:

a) where R^1 is $CSNH_2$, and R^2, R^3, R^4, R^5, R^6, W, A, X, m and n are as defined in claim 1, reacting a compound of formula (II):



(II)

wherein R^2, R^3, R^4, R^5, R^6, W, A, X, m and n are as defined in formula (I), with an alkali or alkaline earth metal hydrosulfide; or

b) where R^1 is $CSNH_2$, and R^2, R^3, R^4, R^5, R^6, W, A, X, m and n are as defined in claim 1, reacting a compound of formula (II) as defined above with a bis(trialkylsilyl)sulfide, in the presence of a base; and

(c) if desired, converting a resulting compound of formula (I) into a pesticidally acceptable salt thereof.

6. A pesticidal composition comprising a compound of formula (I) or a pesticidally acceptable salt thereof as defined in any one of claims 1 to 4, in association with a pesticidally acceptable diluent or carrier and/or surface active agent.

7. The use of a compound of formula (I) or a salt thereof according to any one of claims 1 to 4 or of a composition according to claim 6, for the preparation of a veterinary medicament.

8. The use of a compound of formula (I) or a salt thereof according to any one of claims 1 to 4 or of a composition according to claim 6, for the control of pests.

9. A method for controlling pests at a locus which comprises applying thereto an effective amount of a compound of formula (I) or a salt thereof as claimed in any one of claims 1 to 4 or of a composition according to claim 6.